



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|----------------------------------|-------------|----------------------|---------------------|------------------|
| 10/715,398 | 11/19/2003 | Kang Soo Seo | 1740-000072/US | 5315 |
| 30593 | 7590 | 07/03/2008 | | |
| HARNESS, DICKEY & PIERCE, P.L.C. | | | | |
| P.O. BOX 8910 | | | | |
| RESTON, VA 20195 | | | | |
| EXAMINER | | | | |
| TEKLE, DANIEL T | | | | |
| ART UNIT | | PAPER NUMBER | | |
| 2621 | | | | |
| MAIL DATE | | DELIVERY MODE | | |
| 07/03/2008 | | PAPER | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/715,398

Applicant(s)

SEO ET AL.

Examiner

DANIEL TEKLE

Art Unit

2621

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 January 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 2, 10, 11, 20-22, 24-27 and 30-49 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 10, 11, 20-22, 24-27 and 30-49 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Argument

Applicant's arguments with respect to claims 1-2, 10-11, 20-22, 24-27 and 30-49 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1-2, 10-11, 20-22, 24-27 and 30-49 are rejected under 35 U.S.C. 102(b) as being anticipated by Setogawa et al (US 6,424,793).

Regarding Claim 1: Setogawa et al. discloses a computer readable medium having a data structure for managing reproduction of at least video data, comprising: a navigation area storing at least one navigation file (**column 1 lines 23-31**), the navigation file including navigation commands for managing reproduction of at least video data forming a main reproduction path and a side reproduction path such that the main reproduction path is not reproduced during reproduction of the side reproduction path, the side reproduction path being a side path to the main reproduction path (**column 8 lines 53-67**).

Regarding Claim 2: Setogawa et al. discloses a computer readable medium of claim 1, wherein a portion of the navigation commands selectively determine whether to play a playlist forming at least a portion of the side reproduction path (**column 8 lines 53-67**).

Regarding Claim 10: Setogawa et al. discloses a computer readable medium of claim 1, wherein the navigation commands are divided into navigation command groups (column 7 lines 32-60).

Regarding Claim 11: Setogawa et al. discloses a computer readable medium of claim 10, wherein at least one of the navigation command groups selectively branches reproduction to the side reproduction path (column 8 lines 53-67).

Regarding Claim 20: Setogawa et al. discloses a computer readable medium of claim 10, wherein the navigation file further includes a length indicator indicating a length of the navigation file (column 13 lines 42-47).

Regarding Claim 21: Setogawa et al. discloses a computer readable medium of claim 10, wherein the navigation file further includes an attribute indicator providing an indication of at least one attribute of the navigation file (column 6 lines 1-9).

Regarding Claim 22: Setogawa et al. discloses a computer readable medium of claim 10, wherein the navigation file further includes a number of navigation command groups indicator indicating a number of the navigation command groups in the navigation file (column 5 lines 25-35).

Regarding Claim 24: Setogawa et al. discloses a computer readable medium of claim 1, wherein a portion of the navigation commands command resuming reproduction of the main reproduction path after reproduction of the side reproduction path (column 8 lines 53-67).

Regarding Claim 25: Setogawa et al. discloses a computer readable medium having a data structure for managing reproduction of at least video data, comprising: a data area

Art Unit: 2621

storing at least video data forming a main reproduction path and storing at least video data forming a side reproduction path, the side reproduction path being a side path to the main reproduction path (**column 8 lines 57-67**); and a navigation area storing at least one navigation file, the navigation file including navigation commands for managing reproduction of the main and side reproduction paths such that the main reproduction path is not reproduced during reproduction of the side reproduction path(**column 8 lines 53-67**).

Regarding Claim 26: Setogawa et al. discloses a computer readable medium of claim 25, further comprising: a playlist area storing at least one playlist associated with the main reproduction path and at least one playlist associated with the side reproduction path (**column 2 lines 1-20**); and wherein the navigation commands selectively control playback of the at least on playlist associated with main reproduction path and the at least one playlist associated with the side reproduction path (**column 2 lines 1-15**).

Regarding Claim 27: Setogawa et al. discloses a computer readable medium of claim 26, each playlist includes at least one playitem identifying at least a portion of a clip file of at least one of video and audio data recorded on the computer readable medium (**column 2 lines 15-20**).

Regarding Claims 30-31: Claims 30-31 are rejected for the same subject matter as claim 1.

Regarding Claim 32-33: Claims 32-33 are rejected for the same subject matter as claim 25.

Regarding Claim 34: Setogawa et al. discloses a method of claim 30, wherein a portion of the navigation commands selectively determine whether to play a playlist forming at least a portion of the side reproduction path (**column 8 lines 53-67**).

Regarding Claim 35: Setogawa et al. discloses a method of claim 30, wherein the navigation commands are divided into navigation command groups (**column 2 lines 1-15**).

Regarding Claim 36: Setogawa et al. discloses a method of claim 35, wherein at least one of the navigation command groups selectively branches reproduction to the side reproduction path (**column 8 lines 53-67**).

Regarding Claim 37: Setogawa et al. discloses a method of 30, wherein a portion of the navigation commands command resuming reproduction of the main reproduction path after reproduction of the side reproduction path (**column 12 lines 64 to column 13 lines 7**).

Regarding Claim 38: Setogawa et al. discloses a method of claim 31, wherein a portion of the navigation commands selectively determine whether to play a playlist forming at least a portion of the side reproduction path (**column 12 lines 64 to column 13 lines 7**).

Regarding Claim 39: Setogawa et al. discloses a method of claim 31, wherein the navigation commands are divided into navigation command groups (**column 2 lines 1-15**).

Regarding Claim 40: Setogawa et al. discloses a method of claim 39, wherein at least one of the navigation command groups selectively branches reproduction to the side reproduction path (**column 8 lines 53-67**).

Regarding Claim 41-44: Claims 41-44 are rejected for the same subject matter as claim 37-40 respectively.

Regarding Claim 45-48: Claims 45-48 are rejected for the same subject matter as claims 37-40 respectively.

Regarding Claim 49: Claim 49 is rejected for the same subject matter as claim 37.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANIEL TEKLE whose telephone number is (571)270-1117. The examiner can normally be reached on 7:30am to 5:00pm M-R and 7:30-4:00 Every other Friday..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on 571-272-7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Marsha D. Banks-Harold/
Supervisory Patent Examiner, Art Unit 2621
/Daniel Tekle/
Examiner, Art Unit 2621